

Appl. No. 10/608,989
Amendment dated February 2, 2007
Reply to Office Action of October 26, 2006

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A method for a remote agent to assist with control of a subscriber device, the method comprising:

receiving from the subscriber device, an instruction message that corresponds to spoken instructions;

converting the spoken instructions to control commands;

providing a control message corresponding to the control commands; and

sending the control message from the remote agent to the subscriber device, thereby assisting with the control of the subscriber device.

2. (Previously Presented) The method of claim 1:

wherein the receiving the instruction message further includes receiving specific information sufficient to identify the subscriber device; and

wherein the converting the spoken instructions includes converting the spoken instructions to the control commands that correspond to a type of subscriber device.

3. (Previously Presented) The method of claim 2 wherein the spoken instructions are converted to the control commands that correspond to keypad activations at the subscriber device.

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4. (Previously Presented) The method of claim 2 further comprising maintaining a database associated with the subscriber device, the database including one of a parameter status and a mirrored database associated with the subscriber device.

5. (Previously Presented) The method of claim 4:

wherein the spoken instructions corresponds to an action comprising one of;

dialing a number,

looking up a number in a phone book associated with the subscriber device, the phone book incorporated into the mirrored database associated with the subscriber device,

modifying contents of a memory of the subscriber device, and

sending a text message;

wherein the control commands will effect the action when executed by the subscriber device.

6. (Original) The method of claim 1 further comprising sending a confirmation message as confirmation of the receiving the instruction message.

7. (Previously Presented) The method of claim 1 wherein the receiving the instruction message occurs at the remote agent and the method further comprises forwarding a first message corresponding to the instruction message to an assistant agent, the assistant agent performing the converting the spoken instructions to the control commands and returning to the remote agent a second message corresponding to the control commands.

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8. (Original) The method of claim 7 further comprising selecting the assistant agent from a plurality of assistant agents prior to the forwarding the first message, the selecting based on availability of the assistant agent and a ranking of the assistant agent among the plurality of assistant agents.

9. (Original) The method of claim 8 wherein the availability of the assistant agent is determined by a log on procedure and the ranking of the assistant agent depends on one of an extent of availability of, a timeliness of services provided by, an accuracy of the services provided by, and economic considerations related to the assistant agent.

10. (Previously Presented) The method of claim 7 further comprising selecting more than one assistant agent from a plurality of assistant agents and forwarding the first message to the more than one assistant agent, each of the more than one assistant agent performing the converting the spoken instructions and the returning the respective second message to provide more than one respective second messages, the method further comprising comparing the more than one respective second messages to detect an error in the more than one respective second messages.

11. (Original) The method of claim 10 wherein the selecting more than one assistant agent further comprises selecting a trusted assistant agent and an unknown assistant agent and comparing the respective second messages to evaluate the unknown assistant agent.

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12. (Previously Presented) A server arranged and constructed to assist with control of a subscriber device, the server comprising:

a receiver to receive from the subscriber device an instruction message that corresponds to spoken instructions;

a controller, coupled to the receiver to convert the spoken instructions to control commands and to provide a control message corresponding to the control commands; and

a transmitter, coupled to the controller, to send the control message to the subscriber device, thereby assisting with the control of the subscriber device.

13. (Previously Presented) The server of claim 12:

wherein the receiver further receives specific information sufficient to identify the subscriber device; and

wherein the controller converts the spoken instructions to the control commands that correspond to a type of subscriber device.

14. (Previously Presented) The server of claim 13 wherein the controller converts the spoken instructions to the control commands that correspond to keypad activations at the subscriber device.

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15. (Previously Presented) The server of claim 13 further comprising a memory for storing a database associated with the subscriber device, the database including one of unit specific information, a parameter status, and a mirrored database associated with the subscriber device.

16. (Previously Presented) The server of claim 15:

wherein the controller converts the spoken instructions to the control commands that, when executed by the communications unit, will effect an action comprising one of;

dialing a number,

looking up a number in a phone book of the subscriber device, the phone book incorporated into the mirrored database associated with the subscriber device,

modifying contents of a memory of the subscriber device, the modifying also performed on the mirrored database associated with the subscriber device, and

sending a text message.

17. (Original) The server of claim 12 wherein the controller controls the transmitter to further send a confirmation message as confirmation that the receiver received the instruction message.

18. (Previously Presented) The server of claim 12 wherein the controller further controls the transmitter to forward a first message corresponding to the instruction message to an assistant server, the assistant server performing the converting the spoken instructions to the control commands and returning to the server a second message corresponding to the control commands.

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19. (Original) The server of claim 18 wherein the controller further selects the assistant server from a plurality of assistant servers prior to the forwarding the first message, the assistant server selected based on availability of the assistant server and a ranking of the assistant server among the plurality of assistant servers.

20. (Original) The server of claim 19 wherein the availability of the assistant server is determined by the controller based on a log on record stored in the memory and wherein the controller determines the ranking of the assistant server based on data maintained in the memory corresponding to one of an extent of availability of, a timeliness of services provided by, an accuracy of the services provided by, and economic considerations related to the assistant server.

21. (Previously Presented) The server of claim 18 wherein the controller selects more than one assistant server from a plurality of assistant servers and controls the transmitter to forward the first message to the more than one assistant server, each of the more than one assistant servers performing the converting the spoken instructions and the returning the respective second message to provide more than one respective second messages, the controller further comparing the more than one respective second messages to detect an error in the more than one respective second messages.

22. (Original) The server of claim 21 wherein the selecting more than one assistant server further comprises selecting a trusted assistant server and an unknown assistant server and comparing the respective second messages to evaluate the unknown assistant server.

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23. (Currently amended) A computer readable medium encoded with a software program for assisting with control of a subscriber device, the software program when loaded and executing on a processor of a server resulting in the server performing a method comprising:

receiving an instruction message from the subscriber device that corresponds to spoken instructions;

converting the spoken instructions to control commands;

providing a control message corresponding to the control commands; and

sending the control message to the from the server to the subscriber device, thereby assisting with the control of the subscriber device.

24. (Currently amended) The computer readable medium encoded with a software program of claim 23:

wherein the receiving the instruction message further includes receiving specific information sufficient to identify the subscriber device; and

wherein the converting the spoken instructions includes converting the spoken instructions to the control commands that correspond to a type of subscriber device.

25. (Currently amended) The computer readable medium encoded with a software program of claim 24, the method further comprising maintaining a database associated with the subscriber device, the database including one of a parameter status and a mirrored database associated with the subscriber device.

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26. (Currently amended) The computer readable medium encoded with a software program of claim 23 wherein the receiving the instruction message occurs at a distribution server and the method further comprises forwarding a first message corresponding to the instruction message to an assistant agent, the assistant agent performing the converting the spoken instructions to the control commands and returning to the distribution server a second message corresponding to the control commands.

27. (Currently amended) The computer readable medium encoded with a software program of claim 26, the method further comprising selecting the assistant agent from a plurality of assistant agents prior to the forwarding the first message, the selecting based on availability of the assistant agent and a ranking of the assistant agent among the plurality of assistant agents.

28. (Currently amended) The computer readable medium encoded with a software program of claim 27 wherein the availability of the assistant agent is determined by a log on procedure and the ranking of the assistant agent depends on one of an extent of availability of, a timeliness of services provided by, an accuracy of the services provided by, and economic considerations related to the assistant agent.

29. (Currently amended) The computer readable medium encoded with a software program of claim 26, the method further comprising selecting more than one assistant agent from a plurality of assistant agents and forwarding the first message to the more than one assistant agent, each of

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the more than one assistant agent performing the converting the spoken instructions and the
returning the respective second message to provide more than one respective second messages,
the method further comprising comparing the more than one respective second messages to
detect an error in the more than one respective second messages.

30. (Currently amended) The computer readable medium encoded with a software program of
claim 29 wherein the selecting more than one assistant agent further comprises selecting a trusted
assistant agent and an unknown assistant agent and comparing the respective second messages to
evaluate the unknown assistant agent.
